

**In the Specification:**

Please replace the paragraph beginning at Page 9, line 17, and ending at Page 9, line 21, with the following rewritten paragraph:

--- 18. ~~A system according to claim 1,~~ Preferably, the data being transported comprising a plurality of protocol layers, the system further comprising a layer analyzer connected between the transport data monitor and the signature extractor, the layer analyzer comprising analyzer modules for at least two of the layers. ---